

Iowa Crops & Weather



Iowa Agricultural Statistics
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For the week ending November 23, 2003

This is the final weekly Crops and Weather report. The monthly reports will begin in January 2004, covering December 2003.

2003 Crop Season Winds Down

Agricultural Summary: Anhydrous ammonia application and fall tillage continued but was slowing down in many areas as Iowa's 2003 fieldwork came to a close. Reporters commented that more moisture will be needed to fully replenish the subsoil. In addition, water for livestock in winter grazing areas was a concern for some. Looking back at the 2003 season, crops matured rapidly and harvest generally progressed ahead of normal for both corn and soybeans. The lack of rain beginning in late July and continuing into September was felt statewide. Overall, farmers reported corn yields were better than expected and soybean yields were worse than expected.

There were 4.7 **days suitable for fieldwork**, compared to 5.7 days last week, and 6.0 days last year at this time. **Topsoil moisture** rated 10 percent very short, 29 percent short, 59 percent adequate, and 2 percent surplus across Iowa. **Subsoil moisture** rated 31 percent very short, 40 percent short, 27 percent adequate, and 2 percent surplus.

Field Crops Report: **Fall fertilizer application** for the 2004 crop season was 60 percent completed statewide. **Grain movement** from farm to elevator was rated 32 percent none, 40 percent light, 23 percent moderate, and 5 percent heavy. **Off-farm grain storage availability** rated 11 percent short, 80 percent adequate, and 9 percent surplus. **On-farm grain storage availability** rated 20 percent short, 73 percent adequate, and 7 percent surplus. **Hay and roughage availability** rated 13 percent short, 79 percent adequate, and 8 percent surplus. **Quality of hay and roughage** supplies rated 6 percent poor, 39 percent fair, and 55 percent good. **Utilization of stubble fields for grazing** rated 24 percent none, 24 percent light, 36 percent moderate, and 16 percent heavy.

Statewide Post-Harvest Conditions as of November 23, 2003

Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Grain movement	32	40	23	5
Grazing on stubble fields	24	24	36	16

Statewide Grain Storage Availability as of November 23, 2003

Item	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
On-farm, grain storage	20	73	7
Off-farm, grain storage	11	80	9

Statewide Hay/Roughage Quality as of November 23, 2003

Item	Poor	Fair	Good
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Hay/Roughage	6	39	55

Livestock, Pasture, and Range Report: Overall livestock condition continued to be good; however, extreme temperature changes stressed young livestock. While calves were weaned, vaccinated, and placed in feedlots, feeder calf sales continued to be strong.

Iowa Weather Summary

The past work week began with showers and thunderstorms across the southeast three-fourths of the state on Monday (17th) into Tuesday (18th) morning. Dry weather then was the rule until Saturday (22nd) when rain fell over most of Iowa. The rain changed to snow in northwest Iowa early Sunday (23rd) morning with one to four inches of accumulation across the northwest one-third of the state. Light to moderate rain fell across southeastern Iowa Sunday (23rd) morning with snow flurries during the afternoon and evening hours. Weekly precipitation totals varied from 0.06 inches at Little Sioux to 2.21 inches at Iowa City. The statewide average precipitation was 0.84 inches or a little more than twice the weekly normal of 0.39 inches. November 2003 preliminarily ranks as the 11th wettest November on record in Iowa with precipitation averaging far above normal in central and southeast Iowa but lagging behind normal in the far northwest.

Mild weather prevailed across Iowa until a strong cold front entered northwest Iowa late Saturday (22nd) and pushed through far southeast Iowa by mid morning on Sunday (23rd). Thursday (20th) was the warmest day with highs reaching the 60's in the northwest and 70's across the south and east. Indianola reported the week's highest temperature with a 75 degree reading on Thursday (20th). Strong northwest winds brought much colder air to the state on Sunday (23rd) with temperatures falling throughout the day. Sibley reported the week's lowest temperature with a Monday (24th) morning low of 1 degree. Temperatures for the week as a whole averaged from 7.0 degrees above normal at Omaha-Council Bluffs up to 11.7 degrees above normal at Davenport.

PRECIPITATION FOR THE WEEK ENDING 7 A.M. CST, MONDAY, NOVEMBER 24, 2003 (inches)



Statewide Hay Supplies as of November 23, 2003

Item	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Hay stocks	13	79	8

Days Suitable & Soil Moisture Condition as of November 23, 2003

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Days suitable	4.9	4.2	4.3	4.8	4.5	4.8	4.8	5.2	4.9	4.7	5.7	6.0
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	10	26	0	24	2	0	5	10	15	10	13	4
Short	58	37	19	27	15	13	18	26	42	29	31	23
Adequate	32	37	75	48	77	86	76	60	42	59	54	72
Surplus	0	0	6	1	6	1	1	4	1	2	2	1
Subsoil moisture												
Very short	15	59	13	45	24	25	45	29	29	31	36	12
Short	52	37	46	39	37	32	33	35	52	40	39	30
Adequate	33	4	36	16	38	43	22	29	17	27	24	56
Surplus	0	0	5	0	1	0	0	7	2	2	1	1

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, November 23, 2003										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	60	24	40	10	0.14	-0.14	20.19	-3.46	0	0
	66	18	42	10	0.22	-0.03	24.40	1.37	1	1
	65	26	42	12	0.09	-0.14	17.67	-6.79	3	3
	60	10	36	7	0.17	-0.11	16.44	-6.81	0	0
Britt Humboldt Mason City Northwood	North Central District									
	62	24	39	7	0.88	0.53	22.84	-2.92	0	0
	64	26	41	8	0.94	0.66	27.19	0.87	0	0
	63	29	42	11	0.91	0.56	23.17	-4.26	0	0
	61	20	40	10	1.02	0.67	22.06	-4.75	0	0
Decorah Dubuque Elkader Independence Waterloo	North East District									
	64	28	42	10	1.31	0.94	19.98	-7.02	2	2
	69	30	45	12	1.77	1.14	25.42	-4.89	5	5
	69	27	43	10	1.32	0.85	30.94	3.80	2	2
	69	31	43	11	0.41	-0.01	31.50	2.92	0	0
	69	33	45	12	0.34	-0.08	24.30	-3.55	3	3
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	69	27	42	7	1.05	0.70	21.23	-6.08	0	0
	69	27	44	11	1.38	1.03	25.21	-2.64	1	1
	69	23	43	8	0.54	0.26	21.55	-3.60	3	3
	69	28	44	10	1.02	0.64	25.93	-2.01	5	5
	72	27	44	9	1.46	1.11	22.62	-5.05	0	0
	71	29	45	12	2.03	1.68	31.89	4.04	3	3
	74	27	43	9	0.29	0.01	23.28	-2.79	3	3
	68	26	43	9	0.78	0.50	27.33	0.53	1	1
	69	26	44	11	0.09	-0.12	23.86	2.21	7	7
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	69	31	45	12	0.52	0.17	26.36	-2.57	2	2
	70	29	44	10	0.86	0.46	31.69	3.15	2	2
	71	32	47	11	0.81	0.40	27.33	0.28	9	9
	67	31	43	10	0.80	0.42	29.07	0.84	0	0
	69	31	44	11	0.49	0.10	25.62	-2.88	2	2
	71	32	44	9	0.80	0.38	32.36	4.43	2	2
	71	29	45	11	0.86	0.54	30.33	3.50	5	5
	70	30	44	10	0.81	0.39	28.01	-0.75	1	1
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	71	31	46	12	1.28	0.79	27.78	0.43	7	7
	70	31	47	11	0.47	-0.02	22.70	-4.44	8	8
	72	31	48	11	2.20	1.71	23.63	-6.36	10	10
	72	29	45	11	1.42	0.79	22.86	-7.76	3	3
	70	29	45	11	1.46	0.90	22.40	-5.65	3	3
	72	33	47	9	0.40	-0.16	26.38	-2.24	6	6
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	69	28	45	10	1.01	0.59	27.79	-2.97	7	7
	73	27	45	10	1.13	0.78	23.03	-4.62	5	5
	70	29	45	11	1.95	1.67	24.15	-3.15	2	2
	72	29	46	10	0.63	0.22	23.84	-6.06	9	9
	74	29	46	10	0.23	-0.15	20.09	-8.78	8	8
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	70	32	45	9	0.75	0.27	27.54	-2.44	2	2
	70	32	46	10	0.55	0.12	24.82	-3.93	1	1
	72	33	46	11	0.69	0.20	27.38	-3.16	6	6
	75	31	47	11	0.61	0.19	32.24	4.05	8	8
Bloomfield Burlington Ottumwa	72	33	48	13	0.64	0.19	30.33	0.58	13	13
	South East District									
	70	35	47	8	1.68	1.19	29.58	-0.72	3	3
	71	35	50	12	0.90	0.34	26.49	-1.85	18	18
	73	33	48	11	1.56	1.06	22.67	-5.40	12	12

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.



We would like to wish you and yours a Happy Holiday Season!